

# Multiple solutions for the mean curvature equation

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**Abstract:** We perturb the mean curvature operator and find multiple critical points of functionals that are not even. As a consequence we find infinitely many solutions for a quasilinear elliptic equation. The generality of our results are also reflected in the relaxed hypotheses related to the behavior of the functions around zero and at infinity.

The results are in collaboration with M. Montenegro.